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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/085,338	02/27/2002	Srinivas Gandikota	AMAT/6346.02/CPI/COPPER/P 8528	
7590 12/02/2003			EXAMINER	
PATENT COUNSEL APPLIED MATERIALS, INC.			LEADER, WILLIAM T	
Legal Affairs Department			ART UNIT	PAPER NUMBER
P.O. BOX 450 Santa Clara, O	· · ·		1742	
			DATE MAILED: 12/02/2003	

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary Application No. 10085,338 GANDIKOTA ET AL. Examiner				ch a			
Examiner William T. Leader 1742		Application No.	pplicant(s)	<u> </u>			
The MAILING DATE of this communication appears on the cover sheet with the corresp indence address − Period for Reply A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE £ MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION. Editables of their may be enabled under the provision of 37 CFR 1.13(a). In no event, however, may a reply be timely filled Editables of their may be enabled under the provision of 37 CFR 1.13(a). In no event, however, may a reply be timely filled Hill be period for reply specified above it less than thirty (20) days, a reply within the statutory minimum of thirty (20) days, will be considered timely. Hill be period for reply specified above it less than thirty (20) days, a reply within the statutory minimum of thirty (20) days, a reply within the statutory filled on the following the statutory minimum of thirty (20) days, will be considered timely. Hill be period for reply specified above it less than thirty (20) days, a reply within the statutory minimum of thirty (20) days, a reply within the statutory minimum of thirty (20) days, will be considered timely. Hill be period for reply specified above it less than thirty (20) days, a reply within the statutory minimum of thirty (20) days, a replectable to be considered timely. Hill be period for reply specified above it less than thirty (20) days, a replectable to be considered timely. Hill be period for reply specified above it less than thirty (20) days, a replectable to be considered timely. Hill be period for reply specified above it less than thirty (20) days, a replectable to the consideration, and the replectable to the replectable to the period of the consideration, and the replectable to the replectable to the replectable to the merits is closed in accordance with the practice under £x parte Quayle, 1935 C.D. 11, 453 O.G. 213. Disposition of Claims 4) Claim(s) 1-9 and 28-36 is/are pending in the application. 4) Claim(s) 1-9 and 28-36 is/are pending in the application replectable to be the merits in consideration i		10/085,338	GANDIKOTA ET AL	•			
The MALLING DATE of this communication appears on the cover sheet with the corresp indence address Period for Reply A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 1 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION. Extendions of them may be available under the proteins of 37°CFR 1.13(a). In no event, however, may a reply be timely filled after SIX (b) MONTHS from the making date of this communication. If the pamoid for reply specified above is less than third (30) days, a reply within the statutory minimum of thinty (30) days, will be considered smely. If the pamoid to reply specified before the time free months after the making date of this communication, experiment to the proteins of the statutory of the proteins of the statutory of the s	Office Action Summary	Examiner	Art Unit				
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THE MAILING DATE OF THIS COMMUNICATION. - Extending of them may be variable under the provisions of 3 CFR 1.138(a). In no event, however, may a reply be timely filed after SIX (b) MCNTFS from the mailing late of this communication. - If NO period or drop is specified above. In them they (c) days, a reply within the statutory minimum of thirty (30) days, a reply within the statutory minimum of they (30) days. A reply within the statutory minimum of they (30) days. A reply within the statutory minimum of they (30) days. A reply within the statutory minimum of they (30) days. A reply within the statutory minimum of they (30) days. A reply within the statutory minimum of they (30) days. A reply within the statutory minimum of they (30) days. A reply reply received by the Citic letter than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 27 CFR 1.704(b). - Status 1)	The MAILING DATE of this communication Period for Reply	appears on the cover sheet wi	ith the corresp ndence addr	ess			
2a) This action is FINAL. 2b) This action is non-final. 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213. Disposition of Claims 4) Claim(s) 1-9 and 28-36 is/are pending in the application. 4a) Of the above claim(s) is/are withdrawn from consideration. 5) Claim(s) is/are allowed. 6) Claim(s) is/are objected to. 8) Claim(s) is/are objected to. 8) Claim(s) 1-9 and 28-36 are subject to restriction and/or election requirement. Application Papers 9) The specification is objected to by the Examiner. 10) The drawing(s) filed on is/are: a) accepted or b) objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 and 120 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: 1. Certified copies of the priority documents have been received in Application No 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). *See the attached detailed Office action for a list of the certified copies not received. 13) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application) since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78. a) The translation of the foreign language provisional application or in an Application Data Sheet. 37 CFR 1.78.	THE MAILING DATE OF THIS COMMUNICATION. Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication. If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely. If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication. Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).						
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Application/Control Number: 10/085,338

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DETAILED ACTION

Election/Restrictions

- 1. Restriction to one of the following inventions is required under 35 U.S.C. 121:
 - I. Claims 1-9, drawn to an electrochemical plating apparatus with a check valve in a fluid supply line and a bleed line, classified in class 204, subclass 275.1.
 - II. Claims 28-36, drawn to an electrochemical plating apparatus with an anode and a bleed line positioned above the anode, classified in class 204, subclass 228.1.

The inventions are distinct, each from the other because of the following reasons:

2. Inventions I and II are related as subcombinations disclosed as usable together in a single combination. The subcombinations are distinct from each other if they are shown to be separately usable. In the instant case, invention II has separate utility such as a plating apparatus which does not incorporate a check valve as required by the apparatus of the group I claims. Invention II has separate utility such as a plating apparatus in which the bleed line is positioned below the anode. Because these inventions are distinct for the reasons given above and have acquired a separate status in the art because of their recognized divergent subject matter, restriction for examination purposes as indicated is proper. See MPEP § 806.05(d).

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3. A telephone call was made to Keith Tackett on November 28, 2003, to request an oral election to the above restriction requirement, but did not result in an election being made.

Applicant is advised that the reply to this requirement to be complete must include an election of the invention to be examined even though the requirement be traversed (37 CFR 1.143).

4. Applicant is reminded that upon the cancellation of claims to a non-elected invention, the inventorship must be amended in compliance with 37 CFR 1.48(b) if one or more of the currently named inventors is no longer an inventor of at least one claim remaining in the application. Any amendment of inventorship must be accompanied by a request under 37 CFR 1.48(b) and by the fee required under 37 CFR 1.17(i).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to William T. Leader whose telephone number is 703-308-2530. The examiner can normally be reached on Mondays-Thursdays and alternate Fridays, 7:30-4:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Roy King, can be reached on 703-308-1146. The fax phone

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number for the organization where this application or proceeding is assigned is 703-872-9310.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-308-0661.

William Leader November 28, 2003 ROY KING PATENT EXAMINER TECHNOLOGY CENTER 1700